

Just a Drop is pleased to provide a final report for Lieb village in Cambodia for Baltimore Aircoil Company.

The 671 people in the village now have access to safe water, all year round, through the delivery of 107 Biosand Filters (BSFs).

Sanitation will improve hugely through the provision of 82 latrines, as well as at the village school, Lieb Chas Primary, where a double latrine has been provided for the 113 children. We've provided full details in the report, which we hope you like.

Thank you, as ever, for your ongoing support.



BSFs are a very effective way of providing safe water to households in Cambodia.

As you know, dirty water is poured in at the top of the device, which is then purified through a layer of bioagent and sand. The safe water is extracted into a clean container below and each provides sufficient water for a family each day.

Before they are delivered, each family receives training on how to use and maintain their BSF and everyone is expected to make a small financial contribution for their BSF (US\$7), so each household feels they have a stake in maintaining what is now their property.

107 BSFs were provided across Lieb, and each is now working perfectly. Each has been tested and the water is safe.



Lieb, like many villages in Cambodia, had a real problem with sanitation. There were only a few working latrines, creating a situation where most people would use the outskirts of the village, creating an unhealthy and dangerous environment.

82 latrines have now been completed and being used. For each, we provide the materials and technical support for constructing the underground structure, whilst the structure itself is provided by each individual family – which is why each looks slightly different from the other. It also helps support a sense of ownership, contributing to sustainability.

Each latrine is a pour flush, with soak pit and two-chamber watertight septic tank, which is a design we know works.



We're also pleased to have completed the double latrine at the village school, Lieb Chas Primary, where 113 children attend, with four teachers. The latrine has hand washing facilities which we have connected to the school water supply, via a generator. The water is provided from the existing school well.

We also provided two BSFs, so the children also have improved access to safe water and provided hygiene education, so now the children know when to wash their hands, for example.





A comprehensive hygiene education programme has been delivered, at household level and to community groups.

This included the importance of hand washing, and how to correctly store plates and utensils.

We'll continue to monitor the village, which will include the extent to which positive hygiene behaviours are being maintained.





The lady in the image above is Mrs Nuok Eat. She's a housewife who looks after her four children, and her husband is a labourer, who can make around \$7 each day if there is work.

Life hasn't been easy for the family, every time they drank water, they got stomach aches, which was very upsetting for Mrs Eat, to see her children suffer. They had no latrine and would use the fields behind their home.

As part of the project, the family were provided with a BSF and latrine. Water is filtered twice a day and used for drinking and cooking and Mrs Eat is very happy!

"If we did not have a water filter and live in a clean environment, my family would still be sick, and the condition would have been worse."

The family have learned how crucial it is to have clean water and good hygiene. Mrs Eat hopes that her children will get a good education at the local school.

She said she was very grateful and sends a big thank you to everyone.

The project at Lieb village will have a considerable impact:

- Water-related diseases will decrease, as access to safe drinking water is improved
- Positive hygiene practices will be practiced, leading to long-term health
- Sanitation will improve, due to the latrines
- The quality of life for all 671 people in the village will improve
- Attendance at school will improve, as children's health improves - and the quality of education will improve, thanks to the new school facilities in the village
- Families will no longer have to spend money on medicines
- Women in particular benefit, as the burdens of fetching water and caring for the sick will reduce

In short, the project will change the lives of the entire community.

We're very grateful for your support of this project, thank you.



### Lieb Images

In November 2022, a supporter of Just a Drop, Andy Soloman visited Lieb. Andy is a professional photographer and shared his images with us, which we think are very good – if you'd like to use these images, please do let us know. We also have some films, included in the email which accompanies this report.











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